

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

December 2012

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

January 15, 2013

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Generally dry conditions dominated the weather pattern during December, 2012. There were only 5 days during the month that precipitation was observed across the San Angelo hydrologic service area (HSA).

The average precipitation reported from coop observers in December was 0.23 of an inch. The highest monthly total of 1.01 of an inch was reported in Brown County. Coop observers in Brown and Sutton Counties received one inch of rain in December.

The San Angelo Regional Airport reported 0.18 of an inch of precipitation during December, which was 0.85 of an inch below normal for the month. The monthly normal rainfall for San Angelo in December is 1.19 inches. Total precipitation for the year was 21.96 inches. The normal annual precipitation for San Angelo is 21.25 inches.

The Abilene Regional Airport received 0.04 of an inch of precipitation during December, which was 1.19 inches below normal for the month. The monthly normal rainfall for Abilene in December is 1.19 inches. Total precipitation for the year was 23.20 inches. The normal annual precipitation for Abilene is 24.82 inches.

Junction received a trace of precipitation during December. The estimated average monthly rainfall in December is about 1.22 inches. Junction received 16.78 inches of precipitation during the year. The normal annual precipitation for the Junction area is about 24.53 inches.

Hydro Products Issued

ESF = 2 (Probabilistic Forecasts)

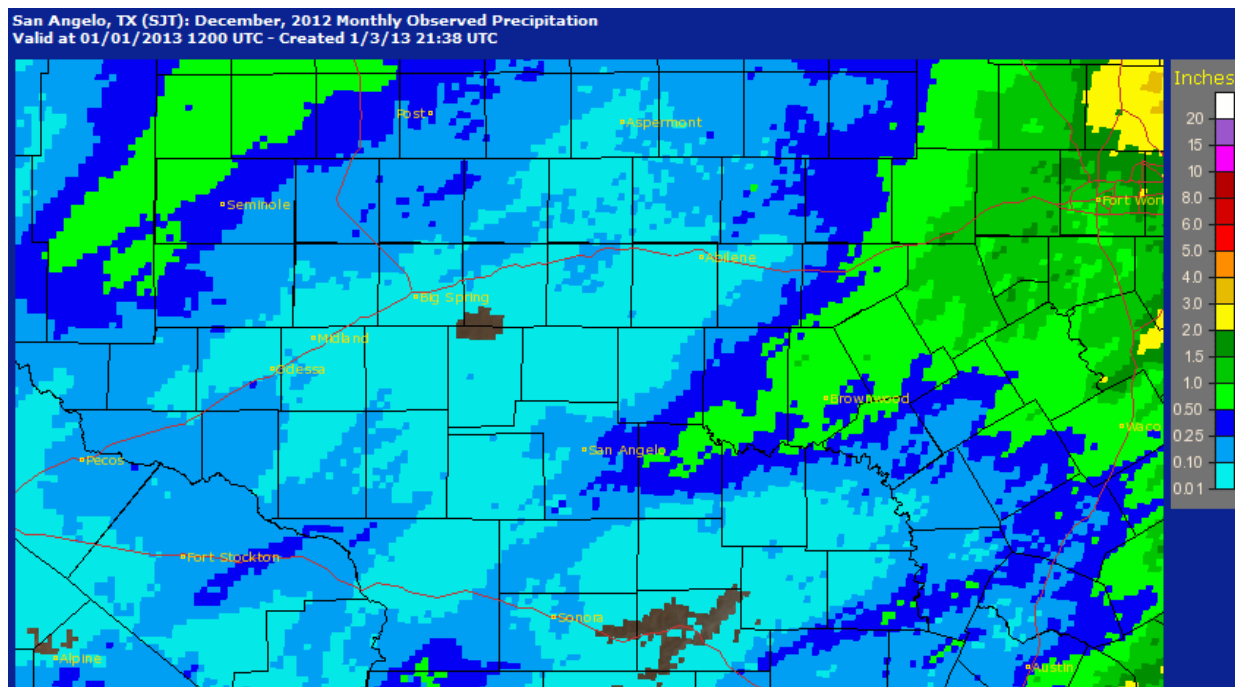
Coop Observer Rainfall Totals for December, 2012:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene	0.42		Menard	0.07
Acton Ranch	0.15		Mertzon 12WNW	0.12
Albany	0.18		Ozona	0.13
Ballinger 2NW	0.14		Ozona 22SE	0.16
Brady	0.09		Paint Rock	0.46
Brownwood	1.01		Putnam	0.17
Burkett	0.36		Red Bluff Crossing	0.32
Coleman	0.48		Roscoe	0.10
Concho Park	0.72		Rotan	Trace
Eden	0.22		San Angelo WFO	0.16
Eldorado	0.18		San Saba 7NW	0.33
Ft. McKavett	0.07		Santa Anna 12SSE	0.38
Glen Cove 2NE	0.37		Silver Valley	0.38
Hamlin	0.09		Sonora	1.00
Haskell	0.25		Stamford	0.15
Hords Creek	0.30		Sterling City	0.00
Humble Pump	0.00		Taylor Ranch	0.10
Junction 4SSW	0.03		Throckmorton	0.23
Lake Abilene	0.10		Water Valley	0.10
London 3N	0.00		Water Valley 11NE	0.00
Mason	0.04		Woodson	0.16

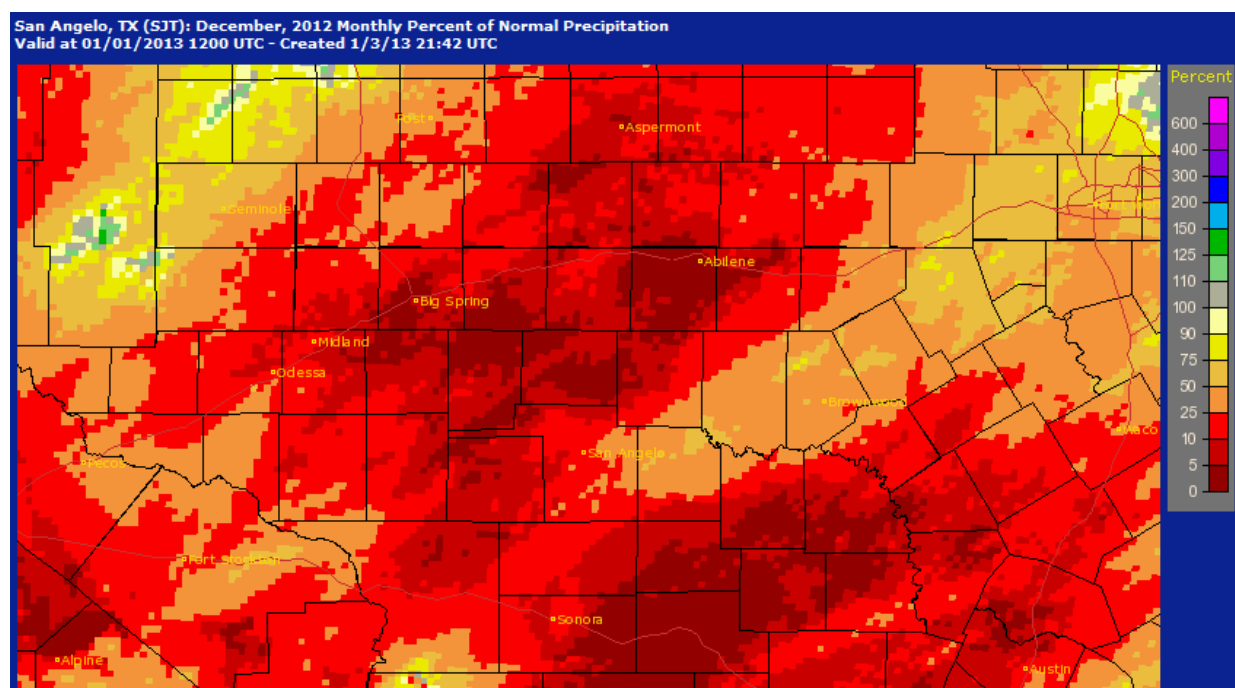
The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for December across the San Angelo HSA is depicted below.

December 2012, Observed Precipitation

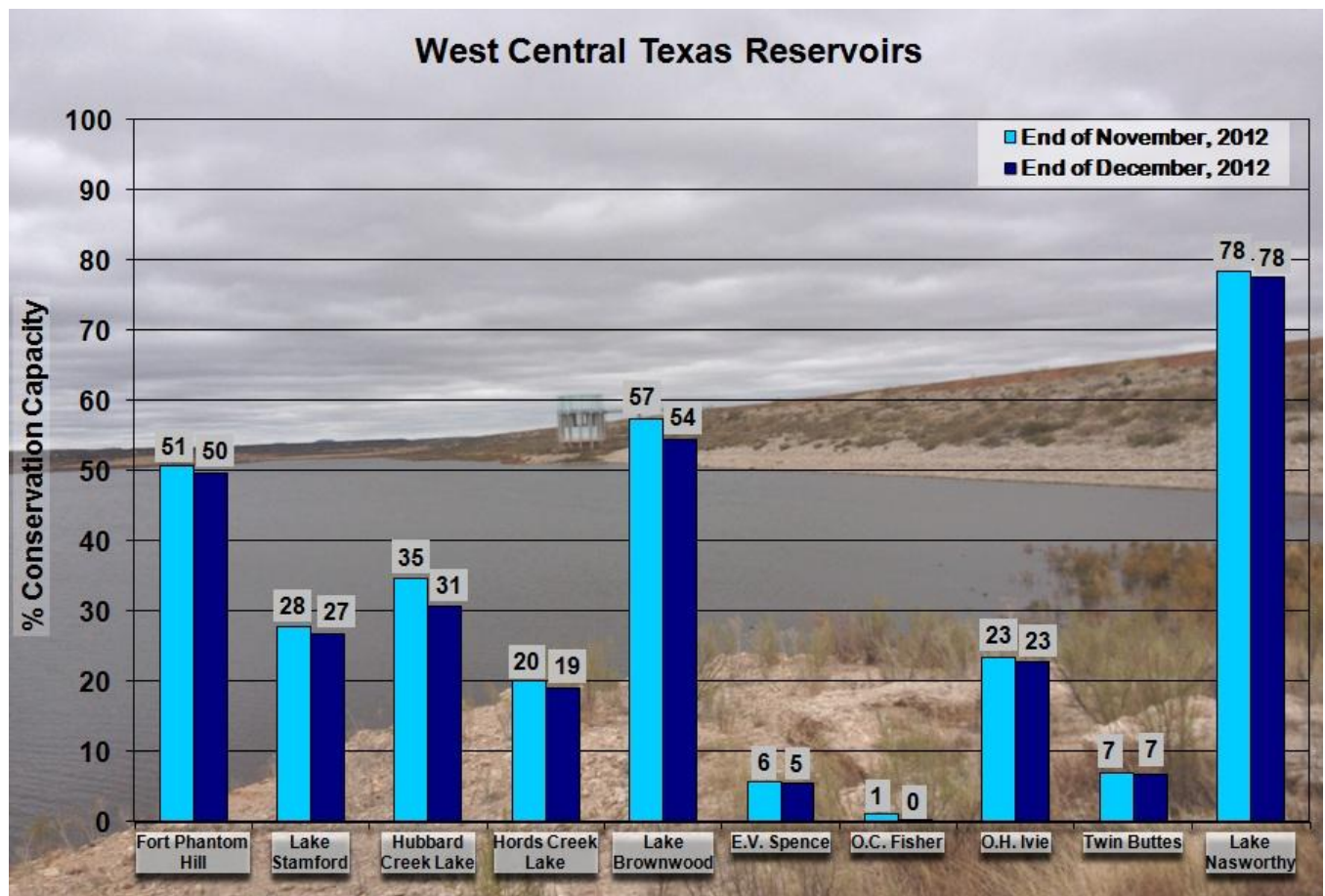


December 2012, Percent of Normal Precipitation

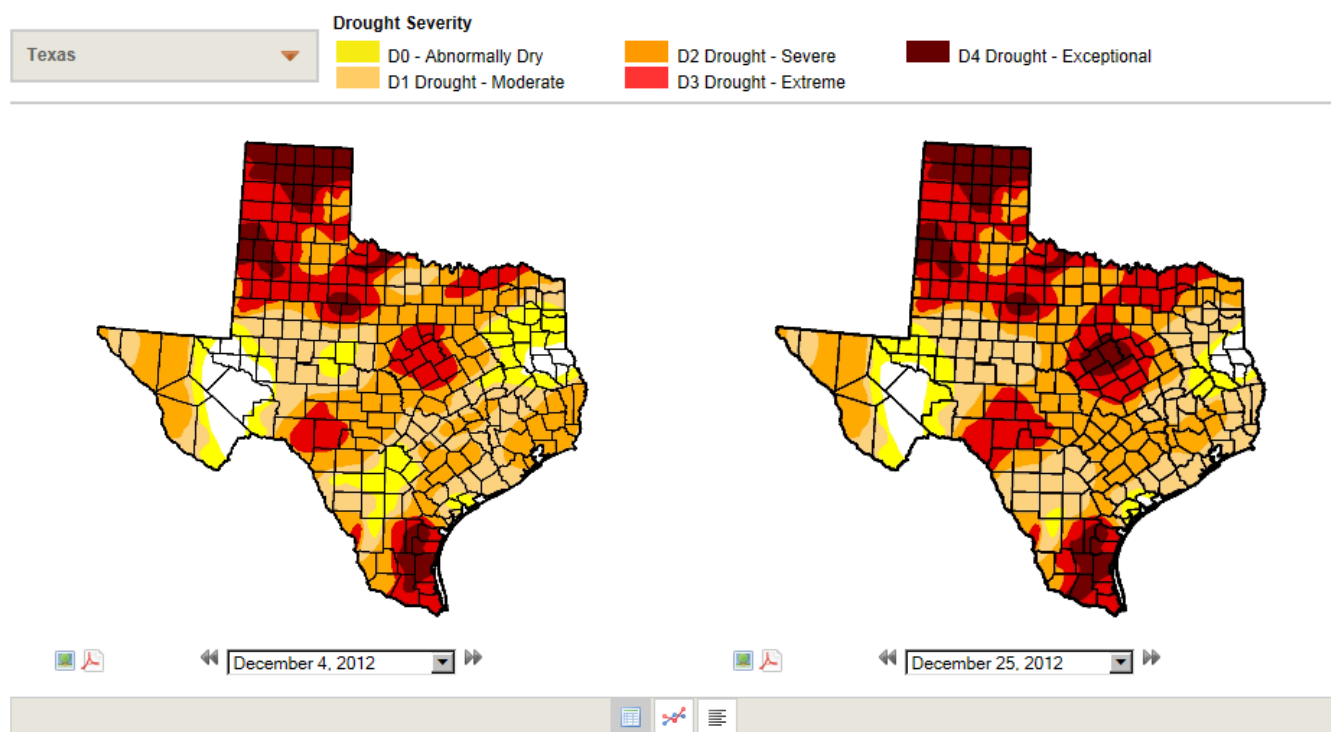


Reservoir Conditions (end of December, 2012)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	34,790	50
Lake Stamford	52,700	13,790	27
Hubbard Creek Lake	317,800	97,450	31
Hords Creek Lake	8,800	1,270	19
Lake Brownwood	131,428	71,610	54
E.V. Spence	488,760	28,090	5
O.C. Fisher	119,200	210	0
O.H. Ivie	554,340	126,220	23
Twin Buttes	177,800	11,950	7



The U.S. Drought Monitor depicted severe to exceptional drought conditions across the northern Big Country and severe to extreme drought conditions across the northern Edwards Plateau and northwest Hill Country. The remainder of the San Angelo HSA was experiencing moderate drought conditions.



Week	Nothing	D0-D4	D1-D4	D2-D4	D3-D4	D4
December 4, 2012	6.16	93.84	82.20	59.27	27.40	8.45
December 25, 2012	4.54	95.46	88.31	64.13	34.48	10.32